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Sonoma Valley Expositor

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VOL. II. SONOMA, SONOMA COUNTY, CALIFORNIA, AUGUST 31, 1900. NO. 33.

Glen Ellen COLUMN.

Society Notices.

N S G W

Glen Ellen Parlor, No. 102, meets on the last Saturday evening in each month at Native Sons' hall.

P H

Glen Ellen Grange, No. 209, meets the 1st and 3d Friday evenings of each month at Native Sons' hall.

W W

Ellenwood Camp, No. 487, meets the 1st and 3d Saturday evenings of each month at Native Son's hall.

Congregational Church

Rev. A. J. Scott pastor, Services every Sunday at 3:45 p. m. Sunday School at 2:45 p. m.

When in Glen Ellen
Stop at
MERVYN HOTEL

J. W. WOOD
General
Blacksmith and
Wagonmaker
Horseshoeing a Specialty,
Agent for D. M. Osborne Machinery.

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BUTCHERS
GLEN ELLEN
Meat Market
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CAMPING SEASON.
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We have fresh bread every other day.
A. M. Hardman.

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REAL ESTATE
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FRUIT AND FLOWERS

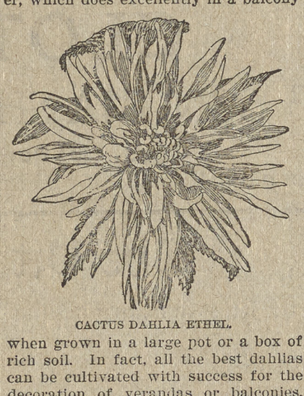
DAHLIAS.

Beauty and Decorative Utility of Different Varieties.

Among the flowers which are now largely used in our gardens few are more popular than the dahlia, says I. L. Richmond in The Queen. The original form of this flower has undergone so many transitions that we now have distinct groups of tall and dwarf varieties, cactus dahlias, too, in single and double forms, and these, with their starlike flowers and elegantly twisted petals, are certainly the most beautiful of all.

The dwarf, or pompon, form of the dahlia is very useful for bedding purposes, the brilliant colors of these neat little flowers being very effective in the border. Although the blossoms are small, they are so well held up above the foliage and produced in such profusion that they give rich coloring to the garden, and if plants are selected with care, so that the height, which varies from four feet to two feet, is considered as well as the tints of the blooms, few plants will give a brighter effect in a mass. Ceres, a very floriferous variety, in pale primrose, makes an excellent center to a large bed, with Fashion, light orange, also a profuse bloomer, as the next tint and Little Dorrit, a dwarf plant with the richest maroon flowers, as the outer circle; or Guiding Star, a lovely white variety, three feet high, may be used with Bacchus, in brilliant scarlet, which does not exceed 2½ feet in height, edging the two with Little Sweetheart, which is a dwarf plant bearing red flowers tipped with white. Mrs. Walter Besant, in shades of salmon pink, is very beautiful, and Revenge, in rich purple and mauve, is distinct and handsome. The variety of tints is endless, but any of them which tend toward majenta are best avoided, as they never harmonize well with the rest.

Messrs. Dobbie's new introduction, Mrs. Ireland, is in shades of orange scarlet and white, a very brilliant flower, which does excellently in a balcony



CACTUS DAHLIA ETHEL.

when grown in a large pot or a box of rich soil. In fact, all the best dahlias can be cultivated with success for the decoration of verandas or balconies, and, as the rooted cuttings can be obtained early in the spring, there is no difficulty in having them in bloom in June, when they will continue to supply a quantity of flowers until the latest autumn.

A new race of hybrids, combining the older pompon dahlias with the cactus varieties, has lately been introduced, the lovely Aurora being one of the best of these. This is a dwarf plant, producing many flowers in exquisite shades of salmon pink and vieux rose, with a metallic blue sheen on the tips of the petals, giving it a very refined and uncommon appearance. The blooms are small and of the cactus shape, a most decorative plant either for the border or the balcony. Cannell's Gem is a pompon cactus in shades of scarlet and yellow, a glowing little flower of good form and habit, not exceeding two feet in height. Crawley Gem must not be forgotten in this connection. It also is a pompon cactus, deep blood red in color. These three will probably be the forerunners of many others of these fascinating flowers, which are perfect for cutting, not being so heavy as those with larger blossoms and consequently far easier to arrange in vases. Of the true cactus dahlias there are now a great many, but they are not all of that perfect form, with quilled petals, which is seen only in the best varieties, such as Ethel, here represented.

For Easter Bloom.

Dielytra spectabilis is one of the easiest plants to force into bloom that can be taken in hand, it responds to heat so readily. To bloom for Easter four weeks should be ample time in a temperature of 50 to 55 degrees—not higher, or the growth made will be too soft to stand well, says Gardening.

The buds of the Easter lily should be well developed four weeks before Easter. Then darkness and coolness will retard growth; heat and light will hurry it.

When to Plant Trees and Shrubs.

But for the difficulty of obtaining well matured stock in the fall I should advocate setting most trees and shrubs in September and October. Because of this difficulty, however, spring planting is usually advisable, says Professor Munson of Maine. All planting should be done just as early in the spring as possible, that the trees or shrubs may become well established before the leaves are put forth.

Meehan selects as the five best hardy roses, exclusive of the ordinary hybrid perpetuals, Crimson Rambler, Rugosa, Wichuriana, Setigera, or prairie rose, and Harrison's Yellow, "the only fine yellow hardy rose in general cultivation."

DIARRHEA IN FOWLS.

Dr. Woods Describes Two Kinds and Prescribes Treatment.

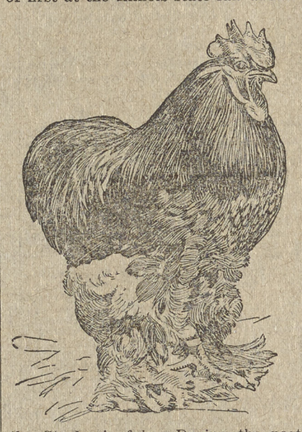
Simple Diarrhea.—A simple inflammation of the digestive organs causing a whitish, yellowish or even greenish diarrhea may result from a variety of causes. Climatic changes, a long, tiresome journey, too much food or drink, exposure, too much "loosening" food, such as meat, oat feed, bran, etc.; overdosing with pepper and condition powders, foul water, becoming overheated and exhausted from being chased, want of shade in hot weather, dampness, uncleanliness, crowding and vermin may one or all cause diarrhea. The only treatment necessary in most cases is to remove the cause. Correct the diet and provide pure water. In mild cases the comb does not change color. The feathers may be ruffled and the fowl a little dumpish. A little powdered charcoal in the mash food is an effective remedy. It is a good plan to keep cracked charcoal constantly before the fowls in a box like the grit box. For obstinate cases of diarrhea give the fowl a tablespoonful of olive oil to cleanse intestines. Feed sparingly and avoid grains with coarse hulls, like oats and barley. Decrease the amount of meat food, use less oats and bran in the mash and use more middlings or some low grade flour in the mash.

Diarrhea From Poisons.—Paint skins, coarse salt, salt meat, white lead, lye, unslaked lime and fertilizers are the more frequent poisons which cause diarrhea in poultry. Sometimes arsenic, paris green and spray mixtures also cause trouble. Such cases of poisoning should be prevented by keeping all such substances out of the reach of fowls. The cases of poisoning are seldom discovered in time to save the bird. The most common symptoms of poisoning with any of the above named poisons are sleepiness, diarrhea, convulsions or twitching of body, dumpishness and sore mouth.

Treatment.—Give whites of eggs freely and an abundance of flaxseed tea.—Dr. Woods in Poultry Monthly.

Buff Cochin Cock.

This fine Buff Cochin cock was bred and is owned by E. G. Roberts, Fort Atkinson, Wis. The bird was winner of first at the Illinois state fair and at



the St. Louis fair. During the past several years Mr. Roberts has been infusing full feathered imported Cochin blood into his stock, and this bird shows the success he has attained.

What the Hen Accomplishes.

The food value of the eggs consumed in a great city is nearly as great as that of the beef eaten in the same city. This is a startling statement, but it is supported by the evidence of statistics taken by the Paris city tax authorities. Unless the Parisians are for some reason unusually large consumers of eggs the proportion will presumably hold good elsewhere. These facts are from a paper read to the Paris Academy of Sciences by M. Balland, who has endeavored by new and exhaustive analyses to correct the data given by previous workers in this line. The egg as a whole is 75 per cent water and therefore furnishes 25 per cent of nutriment. Two eggs without shells weigh on an average 100 grams (1,543 grains), so that 20 eggs represent quite exactly the food value of one kilogram (2.2 pounds) of meat. A fowl in a few days thus furnishes her own weight of food substance. She is a valuable manufactory of edible products, and the breeding of the best laying varieties of fowls cannot be too highly commended. In 1898 there were declared at the Paris octroi (city tax offices) 538,299,120 eggs, representing (allowing 50 grams to the egg) 26,914,956 kilograms (about 27,000 tons) of food substance, equivalent to the quantity of beef (without the bones) furnished by 168,200 oxen of 400 kilograms (880 pounds) each, or two-thirds of the number of oxen entered at Paris in 1898.—Baltimore Sun.

The Largest Egg Record.

In answer to a correspondent who wants to know "what breed of fowls has the largest egg record" The Feather says:

This is a rather difficult question to answer correctly. The records for the present year are going upward so fast we hesitate to name the breed claiming the record. Most any breed will claim it. There are Brahmas with 235 eggs to their credit, White Wyandottes with 250 or more and Plymouth Rocks, Barred and White, with even higher figures. Leghorns and Minorcas come in for their share of the glory, and so the story runs. We might name a breed or rather a variety to you, but you would not perhaps come to the records. It would be best for you to select a variety and see how much of a record you could make. What I might do with Brahmas you could not perhaps equal with Leghorns. Establish your own record from the popular varieties.

Of Cleanliness

The reappearance of the plague in various parts of the world has raised the question anew whether absolute general cleanliness would not prove the best preventive of that and many other disease pests—not only cleanliness of house and grounds, good drainage, etc., but cleanliness of person. Alfred Russell Wallox in a recent work maintains that the plagues of ancient and modern times were and are filth diseases, and that they disappear or grow less dangerous as general cleanliness increases.

However that may be, cleanliness is a virtue, of course. But how is it that the dirtiest and filthiest tramps, the vagabonds who never or seldom take a bath, they who live in the slums by choice, are perhaps less assailed by these plagues than are many others more careful of personal conditions? The Chinese are persistent bathers, yet they appear to be peculiarly subject to plagues. However, it is to be added that though cleanly in person, they are not, in their native country, cleanly in premises, and tolerate filth that no other people would.

But that aside, it is noteworthy that New York, with her near to 3,000,000 people, has but three public bath-houses free to the people. But Rome, in her full glory, had no less, we are told, than 3,000. A few years ago, when Theodore Roosevelt was Police Commissioner in the great metropolis of the country, he had an investigation made for the Board of Health, and discovered that of 480 houses visited in the midst of the cottage and modest homes of the city, only seventeen had bathrooms, and that only three out of each hundred houses in the city had bathing tubs. Perhaps that investigation was the cause of Governor Roosevelt appointing a commission last year to go into the investigation thoroughly in all the chief cities of the State.

New York has upon her statute books a law that requires all cities of the first and second class to establish and maintain such number of free public baths as the local Boards of Health may deem necessary, and that each bath fitted with both hot and cold water shall be kept open at least fourteen hours each day. It is also provided that the maintenance of ocean river and lake baths shall not be deemed compliance with the law. While the statute has not been generally enforced, being the first on the subject in the nation, yet it has made itself felt, and under it the city of Buffalo has erected one free bath establishment with a capacity for a thousand guests a day, and the cost, exclusive of the land, did not exceed $8,000.

The city of Albany under the same law is now engaged in preparing a free public bath, and Rochester is doing likewise, while Troy, Syracuse and other cities have taken up the subject and will comply with the law presently. New York City puts into use this summer a new free public bath that costs the city $100,000, exclusive of the land.

But while no other State has a compulsory law, several cities have established free public baths, and in no instance has there been other testimony concerning them than that which is warmly, strongly favorable. It is worthy of note that the Legislature of New York was so impressed with the wisdom of the law refferred to that it has provided that any community having less than 5,000 inhabitants may establish free baths and pledge its credit in order to secure them.—Weekly Union.

At a meeting of the Sonoma county Hop Growers held in Santa Rosa last Friday it was decided to pay ninty cents per hundred pounds for picking the crop. A large number of growers were present and made flattering reports regarding the crops.

State Mineralogist Cooper on its Superior Value

There has long been much interest and anticipation connected with the oil possibilities of Humboldt county on account of the fact that the oil of the Mattole region is a light oil with a paraffine base, giving rise to the general supposition that if an oil field is developed there, California will at last produce an oil like the Pennsylvania product, and one that will command a high price.

It is impossible to give a clear and detailed exposition of the Humboldt oil or field, for the reason that neither have ever yet been studied with sufficient care by competent experts, but the deep drilling operations now going on along a fifteen-mile oil line will soon make the field better known from every point of view.

State Mineralogist A. S. Cooper, however, has received samples of the oil, and this is his general estimate of it:

"The oil varies in gravity, but will probably average from 40 to 42 degrees, Baume. It carries one to two per cent of paraffine and a little asphalt. The paraffine is a collodial paraffine—it is soft and will not easily crystalize. It is like vaseline, and would not make paraffine candles. This does not affect the colorific value of the oil. The oil contains two more atoms of hydrogen in proportion to the carbon as does the Pennsylvania oil, and hence will afford more heat, and make a better illuminating oil than other California oils, as the combustion is more perfect and it will not smoke so much.

"It is more valuable than other California oils with asphalt bases. It will afford more illuminating oil, will be better for gas-making and be worth a little more for fuel oil. It contains very little sulphur. I cannot say what percentage of illuminating oil it would afford, but it would be low compared with Eastern oils, which yield 30 to 40 per cent. Ordinary California oil, by the way, will yield as good illuminating oil as the Eastern, but very little of it—not more than one per cent or so. That is so small that the refineries add other elements, to perhaps ten per cent, to secure quantity, and so our illuminating oil is bad.

"Yes, the development of a large yield would make a very valuable field. One consideration is that the Mattole region is close to and above the coast, and the oil could be easily piped to steamers and barges, giving cheap transportation to San Francisco and making it practically nearer this market than Coalinga.

"Oil men who have brought here samples of oil from Humboldt observe a whitish deposit in the bottom of the bottle when it is allowed to stand, and think that it is paraffine. It is simply an emulsion with water, and is characteristic of all paraffine oils, not occuring in oils with an asphalt base."—Oil Reporter.

Mrs. Holden Wants Divorce

Mrs. Ed. Holden has commenced suit against Ed. Holden, alleging that he is altogether too gay for a married man, Holden is now running a big gambling house at Dawson City and has money galore. He has $100,000 in a San Francisco bank. Holden is known all over this country. In the palmy days of yore he conucted the principal gaming house at Santa Rosa and there are more stories extant connected with Holden and his house than the average man could shake a stick at in a year.—Argus.

The San Jose scale has made its appearance in the borough of Brooklyn. The scale has been discovered in thirty-five different places in the borough. It is feared that it may extend to Prospect park and down to the Long Island farms. The scale is distributed by nursery stock and also by birds, which carry it from tree to tree.

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Discovery of Standard Weights of Ancient Rome

The excavations that have been in progress for some months past upon the site of the ancient forum at Rome have resulted in quite a curious discovery. Under a large, square flagstone there were found three weights of twenty, thirty, and one hundred Roman pounds dating from at least two centuries before our era. These weights, which are of irregular elliptical form, are of dark green marble and provided with a bronze handle in order to facilitate their manipulation. In the opinion of Signor Giacomo Boni, who is superintending the excavations these are the most ancient specimens of standard Roman weights known, and, since they are perfectly well preserved, without the least fracture, they will permit archæologists to re-establish the entire metrology of primitive Rome. They have already been compared with the weights now in use, and it has been found that the ancient Latin pound was exactly 325 grammes (10 ounces and 75 grains.) The weights, moreover, are well proportioned according to the numerical indications that are engraved upon the stone and that are still legible. The 20-pound weight represents exactly two-thirds that of the 40 pound one and one-fifth of the largest, which weighs 30 kilogrammes and 250 grammes (about 66½ pounds).—La Nature.

President A. W. Foster and the Extension

The Call says that the California Northwestern will spend $2,000,000 in an immediate extension of its tracks in the redwood belt of Mendocino county. In an interview with President Foster the paper says:

President A. W. Foster of the California Northwestern said yesterday, however, that an extension to Eureka was a matter that positively could not be considered now. The company's charter will not permit the construction of more than sixty more miles of track in Mendocino county.

"Our purpose in building," he said, "is largely to reach the timber districts. The question of freight will figure very prominently in determining the starting point for the extension. The passenger traffic is a secondary consideration."

Single track will be constructed and the cost of building the road will be large owing to the mountainous region it will traverse. A good deal of blasting will have to be done and there will have to be several tunnels constructed.

How's This?

We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.

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Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price, 75c. per bottle. Sold by all druggists. Testimonials free. Hall's Family Pills are the best.

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Address all communications

SONOMA VALLEY EXPOSITOR,
Sonoma, California.

FRIDAY, AUGUST 31, 1900.

THE first Rural delivery of mail will leave Sonoma post office tomorrow. There has been a great deal said against the new system but so far as we can learn wherever it has been established it has been a success and many of those living along the proposed route are supplying themselves with boxes that they may receive the benefits of such delivery. The Rural delivery was not established to harm any person or business but simply to give the farmers living at a distance, upon whom the country is dependent, a better chance to keep in touch with the business world without the unnecessary loss of time.

LAST Saturday Congressman J. C. Needham was renominated by acclamation for congress at the Republican Congressional convention of the seventh California district at Coronado Beach. No other candidate was presented to the convention. A resolution pledging the candidate to work for the completion of the necessary improvements of San Diego harbor and indorsing the administration of President McKinley was adopted unanimously.

ONE way by which we may judge the prosperity of the State is by watching the number of theatrical companies which are making tours of the State and coast. The city officials of Stockton were compelled to restrain the thearical fraternity from giving so large a number of performances at that place. A number of other cities were also compelled to make like restrictions.

AT the Republicaan primaries held in Napa last Saturday Frank L. Coombs received the unanimous support of that party for the nomination of Congressman.

Will Quit Business

Owing to his ill health Ed. Wegner has decided to sell off his entire stock of general Merchandise and retire from the business for a time at least. The entire stock will be sold regardless of cost.

Miss Lillie Bulotti and Miss Tillie Keiser spent Saturday in Petaluma.

Chas. Robinson was over from Napa Wednesday looking after his property here.

G. H. Hotz was in San Francisco Thursday filling orders for his contract with the Home.

The trustees of the Home for the Care and Training of Feeble Minded Children will hold their meeting on Sept. 8.

Dr. Osborne, superintendent of the California Home, and H. R Judah of the S. P. company are enjoying a trip to the Yosemite.

A Drahms who formerly resided in this valley was elected Chaplain General of the Grand Army of the Republic of the United States at Chicago yesterday.

Carl Jepsen of Los Angeles was here and paid his old friend Geo. Breitenbach a visit last Monday. He like most people of the southern portion of the State is extensively interested in the oil business.

The Racket store is making good headway with their closing out sale. Their discounts are very liberal when you remember that their prices are the lowest. 10% on general merchandise and 5% on groceries.

Preaching services in the Methodist church Sunday Sept. 2nd at 11 a. m. and 7:30 p. m. Also Sacrament of the Lord's Supper in the morning and the Rev. Harry Buckner of Oregon, son of Rev. N. S. Buckner will preach in the evening. All cordially invited to attend.

HENRY PEARCE, Pastor.

THE COMANDANTE'S SOUL.

El Comandante, in his garden, where the orange blossoms fall,
And the sun shines on the Cactus, by the old adobe wall,
On the wide veranda sitting, in his leather covered chair,
While the murmur from the fountain scarce stirs the drowsy air,
As he looks across the valley, from the mountains to the bay
Dreams of Jo Pasado, and the Spaniard's vanished day.

La Bandera Castellana, o'er the old Presidio there,
No more flings out its colors, to the California air;—
Caballada and ganado, no longer rove the plain,
And the old bells of the Mission, no more in sweet refrain
Ring over hill and valley, and misically chime
While earth and sky and flowing stream, unite in perfect rhyme.

But the Comandante's dreaming, with his head upon his hand,
Of when life was worth the living, and joy dwelt in the land.
Comandante Guadalupe! Thy dreaming here is done,
And Thou hearest, mayhap, far sweeter chimes, than those that here,
Thou'st known,
But the garden, and the roses,—and the green magnolia tall,
And the sunshine on the cactus, by the old adobe wall.

And the birds among the flowers, and the nightingale that sings,
And the dove that came last night, at eve, and stayed its snowy wings
Mid the branches of the orange, till the moonlight rose and shone
On the Comandante's garden, like a radiance from the throne;
While o'er me, enraptured, gazing, the wondrous vision stole,
Of Mariano Guadalupe, the Comandante's soul.

THEODORE STORM.

San Francisco, January 9th, 1900.

GLEN ELLEN JOTTINGS.

Seen and Heard in the Summer Resort.

Steps are being taken to build a Catholic church at this place.

Wm. P. Ashe of San Francisco has purchased the Warfield place.

Blair Hart a well known resident of Lakeville was in town last Thursday.

Glen Ellen Native Sons will leave for San Francisco Sunday morning Sept. 9th.

Quite a number of Glen Ellen farmers attended the Institute at Sonoma last week.

Of late considerable wood is being hauled to the Home by dealers in this vicinity.

J. W. Gibson and Jas. Allen attended the Wilpert trial at Santa Rosa last Wednesday.

Mrs. Chas. J. Poppe and her brother Henry Martens had business in Napa last Wednesday.

F. Lemaine received by freight a heavy shipment of wine making apparatus. Mr. L. will go into this business this fall quite extensively.

The old folks concert recently rendered at the Congregational church at this place will, by request, be repeated at Kenwood some time in the near future.

Henry Martens received a car load of lumber last Thursday from the Port Costa Lumber Co. Henry intends making a number of improvements on his place.

J. Lounibos, J. Chauvet and Julius Wegner have liberally donated to the Sonoma County Native Sons some of the choicest brand of wet goods for use at their headquarters during the 9th of Sept. celebration.

A heavy weight Native Son appeared at the home of Mr. and Mrs. R. B. McCord on the 23rd inst. The new arrival tipped the scale at 10½ pounds. Mother and son are getting onas nicely as circumstances could permit. Papa McCord is also improving and at this writing is well out of danger.

The Racket store, has but one price to rich and poor.

Geo. Bulotti came up from San Francisco and spent the first of the week with his parents on Napa street. On his return to the city he was accompanied by his brother Fred who will spend a few days in the metropolis.

Blair Hart and Jack Ford of Lakeville were in town Wednesday. Mr. Hart is a prospective candidate for the Supervisorship of this district on the Democratic ticket. It is said he and Mr. Howe will try for the nomination at the county convention.

Mrs. E. E. Thompson and children have returned home from their visit to her parents at Medford, Or. On their return they were accompanied by Mrs. A. C. Bowman and children of Portland. Mrs. Bowman is a sister of Rev. Thompson and has come to California looking for a business location.

It Helped Win Battles

Twenty-nine officers and men wrote from the Front to say that for scratches, bruises, cuts, wounds, sore feet and stiff joints, Bucklen's Arnica Salve is the best in the world. Same for burns, skin eruptions and piles. 25cts. a box. Cure guaranteed. Sold by Ed. Wegner druggist.

SHELLVILLE PENNINGS.

Late Happenings in our Little Burg

A mail clerk has been put on the run from Vallejo Junction to Santa Rosa known officially as Santa Rosa and Vallejo Junction R. P. O. giving mail service on all passenger trains except Sunday. Last Saturday being the first day.

A. H. Drees has secured a good position in Petaluma and will leave for that place the first of September.

Mr. and Mrs. Acken of Petaluma visited at the home of Mr. and Mrs. Lawlor several days last week.

John Lawlor has secured the contract for buying horses and breaking them for use in the German army at China.

Mr. and Mrs. Wm. Switzer, Mrs. B. Switzer, Mr. and Mrs. H. Wilson of Napa returned Saturday morning after a two weeks camping trip on Russian river.

Mr. Dorsey Switzer who left for Nome several months ago, returned Monday morning and is at the home of his parents Mr. and Mrs. Wm. Switzer.

John Lawlor and Master Johnnie visited Suisun Tuesday.

Mr. and Mrs. Merriam left for San Francisco Tuesday afternoon.

The new steel bridge over Sonoma creek is being put in position this week.

Mrs. Wilson who is staying at Larkspur met with a serious accident a few days ago, while going down a few steps she slipped and fell seriously spraining one leg. Medical aid was summoned from San Francisco and every thing done to reduce the fracture. It will take several months before Mrs. Wilson can use the injured member again.

CASTORIA.
Bears the Signature of Chas. H. Fletcher. The Kind You Have Always Bought

"Harvest Home Festival"

The M. E. Church people will give a grand entermainment in the church parlors Saturday evening Sep. 1st. The rooms will be decorated with autumnal fruits and flowers, while thank offerings of money, vegetables and all kinds of farm products are being donated, and will be sold that evening, for the benefit of the church; also, things useful and beautiful in needle-work and merchandise are being contributed to swell the collection. An entertaining and pleasant program is also being prepared and all who attend are sure of a splendid time. Great mysteries and deep prophesies and fortunes for young and old from behind the "Mystic Gate."

Story of a Slave

To be bound hand and foot for years by the chains of disease is the worst form of slavery. George D. Williams, of Manchester, Mich., says: "My wife has been so helpless for five years that she could not turn over in bed alone. After using two bottles of Electric Bitters she is wonderfully improved and able to do her own work." This supreme remedy for female diseases quickly cures nervousness, sleeplessness, melancholy, headache, backache, fainting and dizzy spells. It is a godsend to weak, sickly, run-down people. Cure guaranteed. Only 50c. Sold by Ed. Wegner druggist.

CASTORIA.
Bears the Signature of Chas. H. Fletcher. The Kind You Have Always Bought

J. P. LOUNIBOS, Prop.

BELLEVUE HOTEL

EL VERANO, CAL.

Hot Mineral Baths Near by.

TERMS, $5.00 per week and upwards.

El Verano Villa

Mrs. A. Nevraemont & Co. Prop.

Rates: $5. per week. Children according to age.

This resort is particularly adapted to supply all acccommodations for families.

EL VERANO. SONOMA CO. CAL.

50 YEARS' EXPERIENCE

PATENTS

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Branch Office, 625 F St., Washington, D. C.

FOURTH AGRICULTURAL

DISTRICT FAIR

{ Sonoma and Marin Counties }

AT

SANTA ROSA

:: :: TO BE HELD :: ::

One Week - October 8th to 13th

$3,000 In Premiums

Free Street Fair
Grand Stock Parade Every Day
Great Poultry and Belgian Hare Show

Four Days Running Race.

Band Concerts, Attractions and Entertainments in endless variety.

Creamery, Art and Liberal Arts, Agricultural, Horticultural, Viticultural and Mineral Displays.

Special railroad rates to Exhibitors and Visitors. For further particulars and Premium List apply to

ALLEN B. LEMMON, Secretary. J. P. OVERTON, President.

Hay for the Government

Three outfits of hay bailers are at work on the Jones ranch bailing hay into small bales of from 80 to 100 pounds each. These are unusually small and will be used by the government for army purposes in the Philippines and China. It is presumed the small size is to make them more handy for shipment in the foreign lands.

CASTORIA

For Infants and Children.

The Kind You Have Always Bought

Bears the Signature of Chas. H. Fletcher.

NOTICE.

NOTICE is hereby given by the Board of Supervisors, Sonoma County, California that Thursday Sept. 6, 1900 at 1:30 o'clock P. M. in the Board rooms, Court house, city of Santa Rosa is the time and place set for the hearing of all parties interested in the matter of the petition of A. D. Lowell et. al. for the formation of a new Road District out of the territory included in Huichica School District.

SOMERS B. FULTON
County Clerk.

NOTICE TO CREDITORS

Estate of Hobarta Sarah Merlin-jones, deceased.

NOTICE is hereby given by the undersigned, administrator of the estate of Hobarta Sarah Merlin-jones, deceased to the creditors of, and all persons having claims against the said deceased, to exhibit them with the necessary vouchers, within four months after the first publication of this notice, to the said administrator at the law office of A. B. Ware in the Doyle & Overton Co. Building in the City of Santa Rosa, California, the same being his place for the transaction of the business of the said estate in the county of Sonoma, State of California.

LEOPOLD W. JUSTI,
Administrator of the Estate of Hobarta Sarah Merlin-jones, Deceased.
Dated at Santa Rosa, Cal., August 21st, 1900.
A. B. Ware, Attorney for Administrator.

REGISTRATION!
NOTICE TO VOTERS

All voters of Sonoma County who have not been registered since January 1st, 1900, must in order to vote at any election, be registered by the County Clerk or a Deputy.

All naturalized citizens applying to be registered must present their naturalization papers, or make affidavits as to the loss thereof.

Registration for the next General Election on November 6th, will close on

WEDNESDAY, SEPTEMBER 26, 1900.

Transfers from one precinct to another in this County will close on

THURSDAY. OCTOBER 11, 1900.

All persons foreign born, intending to become citizens, should be naturalized on or before

AUGUST 8, 1900,

to be entitled to vote at the November election.

For the convenience of electors of the county, I have appointed deputies for registration in the various election precincts.

SOMERS B. FULTON.
June 21, 1900. County Clerk.

Notice of Time and Place for Proving Will

IN THE SUPERIOR COURT IN AND FOR the County of Sonoma, State of California. In the matter of the estate of KUNIGUNDA NAU, Deceased.

Notice is hereby given that Tuesday, the 4th day of September, A. D., 1900 at 10 o'clock A. M., of said day, and the court room of said Superior court, in Department One thereof, in the City of Santa Rosa, County of Sonoma, State of California, is hereby fixed and appointed as the time and place for proving the Will of said Kunigunda Nau, deceased, and for the hearing by the Court of the application of William Edward Goethe, for the issuance to him of letters of administration with the will annexed thereon.

Dated August 14th, A. D., 1900.

{SEAL} SOMERS B. FULTON, Clerk,
By R. L. THOMPSON, Deputy Clerk.
R. A. Poppe Esq., Attorney for petitioner.

CHURCH NOTICES.

Congregational Church

Rev. Chas. D Milliken, Pastor. Services: Sunday at 11 a. m. and 7:30 p. m. Sunday School at 10 a. m., Y. P. S. C. E. service at 6:30 p. m. Prayer meeting Wednesdays at 2:30 p. m. Junior Endeavor meeting, Friday's at 3:15 p. m. Ladies' Aid Society and Missionary Society meet the 2nd Tuesday of each month

Methodist Episcopal Church

Rev. Henry Pearce, Pastor. Preaching every Sunday at 11 a. m. and 7:30 p. m. Sunday School at 10 a. m. Prayer meeting on Wednesday at 7:30 p. m. Young People's Society of Epworth League at 6:30 p. m. on Sunday.

Catholic Church.

Rev. W. P. Quill Rector. Mass: Sundays, 8:30 a. m. and 10:30 a. m. Sunday school at 9:45. Week days 7:30 a. m.

LODGE NOTICES

F & A M

TEMPLE LODGE No. 14 meets in the Masonic Hall on the Tuesday evening on or preceeding the full moon of each month.

I O O F

SONOMA LODGE, No. 28 meets at Odd Fellows' Hall every Saturday evening at 7:30 p. m

REBEKAH DEGREE LODGE, No. 99 meets in Odd Fellows hall on the second and fourth Thursday evenings of each month.

O E S

VALLEY OF THE MOON CHAPTER, No. 85, meets in the Masonic hall on the Thursday evening on or preceeding the full moon of each month.

Y M I

NO 45 meets the first Wednesday evenings in each month in Odd Fellows' hall.

A O U W

PUEBLO LODGE No. 168 meets every 1st and 4th Tuesday evenings of each month at Odd Fellows hall.

O O F

SONOMA VINEYARD COUNCIL, No. 162 meets the first and third Friday of each month in Odd Fellows' hall.

N S G W

SONOMA PARLOR, No. 111 meets on the first Monday Evening of each month at Odd Fellows' hall.

U A O D

SONOMA GROVE No. 75 meets on the first and third Friday in each month at Odd Fellows hall.

CALIFORNIA NORTHWESTERN R'Y CO.
Lessee of SAN FRANCISCO & NORTHWESTERN R'Y CO.
The PICTURESQUE ROUTE OF CALIFORNIA

Rates and Special Train Service
Account Admission Day
CELEBRATION IN
SAN FRANCISCO
on Saturday and Sunday Sept. 8 & 9
Round Trip Tickets to San Francisco

Will be sold as follows, good going on all trains of September 8th and 9th, and returning on all trains up to and including Wednesday Sept. 12:

Miller	$ 50	Lytton	$2.40	Buena Vista	$ 95
Ignacio	60	Geyserville	2.55	Sonoma	1.00
Novato	70	Asti	2.80	Verano	1.05
Burdell	80	Cloverdale	3.00	Agua Caliente	1.10
Petaluma	1.00	Preston	3.10	Watriss	1.10
Corona	1.10	Echo	3.35	Madrone	1.10
Ely	1.10	Pieta	3.60	Eldridge	1.15
Penn Grove	1.15	Fountain	3.80	Glen Ellen	1.20
Cotati	1.25	Hopland	3.80	Kenilworth	1.65
Wilfred	1.30	Largo	4.00	Sebastopol	1.80
Bellevue	1.40	El Robles	4.25	Meacham	1.85
Santa Rosa	1.50	Ukiah	4.50	Olivet	1.95
Fulton	1.75	Reclamation	70	Trenton	2.05
Mark West	1.80	Sears Point	75	Forestville	2.15
Windsor	1.95	Fairfield	80	Green Valley	2.25
Grant	2.15	McGill	80	Korbel	2.35
Healdsburg	2.25	Schellville	90	Guerneville	2.50
Chiquita	2.40	Vineyard	90		

Children between 5 and 12 years half the above rates

On Monday and Tuesday, Sept. 10th and 11th
Round Trip Tickets to San Francisco

Will be sold as follows, good going on all trains of September 10th and 11th and returning on all trains up to and including Wednesday, Sept. 12.

Miller, Ignatio, Novato, Burdell	$ 75	El Robles, Ukiah	$3.00
Petalnma, Corona, Ely	1.00	Reclamation, Sears' Point	1 00
Penn Grove	1.00	Fairville, McGill	1 00
Cotati, Wilfred, Bellevue	1.25	Schellville, Vineyard	1 00
Santa Rosa	1.25	Buena Vista, Sonoma	1 00
Fulton, Mark West	1.50	Verano, Agua Caliente	1 25
Windsor	1.50	Watriss, Madrone	1 25
Grant, Healdsburg	1.75	Eldridge, Glen Ellen	1 25
Chixuita, Lytton	1.75	Kenlworsh, Sebastopol	1 50
Geyserville	2.00	Meacham, Olivet, Trenton	1 75
Asti, Cloverdale, Preston	2.50	Forestville	1 75
Echo, Pieta, Fountain	3.00	Green Valley, Korbel	2 00
Hopland, Largo	3.00	Guerdeville	2 00

Children between 5 and 12 years half the above rates

In addition to the regular trains the SPECIAL Service will be as follows:

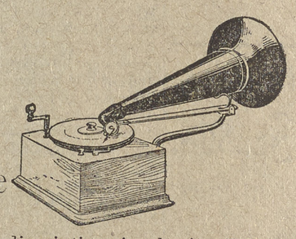
MONDAY, SEPTEMBER 10
Leave San Francisco, 6:30 p m for UKIAH and Intermediate Points
MONDAY AND TUESDAY, SEPT. 10 AND 11
Leave San Francisco for Santa Rosa, Sebastopol and Intermediate Points
10:30 p. m.

H. C. WHITING, General Manager
R. X RYAN, Gen'l Passenger Agent.

A Full Line of
SHOES and CLOTHING
AT SONOMA SHOE STORE
Chas. DalPoggetto, Prop.
NAPA ST. SONOMA, CAL

The Vitaphone
Is the latest in talking machines it uses a paper disc record

Prices $18.00 Complete



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Send for discriptive circular it will interest you.
KOHLER & CHASE, San Francisco, Cal.
Pacific Coast Agents.

GEORGE BAUER GUITARS and MANDOLINS

Unsurpassed as musical Instruments—Improve with Age and Use.
S. S. Stwart Banjoes
Have a world-wide renown as the finest product.

Sold at Factory Prices in San Francisco
SHERMAN, CLAY & CO.,
Agents for Steinway Pianos, Estey Organs Etc., San Francisco.
ILLUSTRATED CATALOGUE FREE.

California Northwestern Railway Company

LESSEE OF
SAN FRANCISCO & NORTH PACIFIC RAILWAY.
Official Time Table.

Leaves Sonoma		From Apr. 15, '00	Arrive Sonoma	
W'k days	Sundays	Destination	Sundays	W'k days
6.18 a. m.	6.40 a. m.	S. F., S. Rafael	10.25 a. m.	10.03 a. m.
3.37 p. m.	3.37 p. m.	intermediates	7.15 p. m.	7.20 p. m.
10.03 a. m.	10.25 a. m.	Glen Ellen	6.40 a. m.	6.18 a. m.
7.20 p. m.	7.15 p m	intermediates	3.37 p. m.	3.37 p. m.
6.18 a. m.	6.40 a. m.	Petalu. S. Rosa	10.25 a. m.	10.03 a. m.
3.37 p. m.	3.37 p. m.	intermediates	7.15 p. m.	7.20 p. m.
6.18 a. m.	6.40 a. m.	C'v'le H'ldsb'rg		10.03 a. m.
3.37 p. m.		intermediates.	7.15 p. m.	7.20 p. m.
6.18 a. m.	6.40 a. m.	Ukiah and		
3.37 p. m.		intermediates	7.15 p. m.	7.20 p. m.
6.18 a. m.	6.40 a. m.	Sebastapol and	10.25 a. m.	10.03 a. m.
3.37 p. m.	3.37 p. m.	intermediates	7.15 p. m.	7.20 p. m.
6.18 a. m.	6.40 a. m.	Guerneville and		10.03 a. m.
3.37 p. m.		intermediates.	7.15 p. m.	7.20 p. m.

H, C. Whiting
GENERAL MANAGER

R. X. Ryan
GEN. PASS. AGENT.

LOCAL BREVITIES.

LATE HAPPENINGS IN OUR COMMUNITY.

Viewings of the Valley Taken at Random.

Benj. Cook paid his Napa friends a visit Tuesday.

Will Clewe wheeled to Kenwood Wednesday on business.

R. G. Shoults is transacting business in the metropolis today.

Wm. Linehan is here spendihg a few days visit with his parents.

Supervisor Putnam is in town circulating among his many friends.

Al. Faure was here the first of the week visiting with old friends.

Henry Bates is now city salesman for the Sherwin-Williams Paint Co.

Geo. Breitenbach made a business trip to San Francisco Thursday.

Aschel Agnew was over from Petaluma on a visit with home folk Sunday.

Rev. W. L. Gastone of Santa Rosa passed through town today enroute for that city.

Miss Harriett Gaines, Mrs. J. E. Poppe and son Ray made a trip to Napa Wednesday.

Newton Agnew was up from San Francisco and spent Sunday the guest of his parents.

A. C. Olney of Fresno was here on a visit with his Sonoma friends the first of the week.

Al. Pauli came up from the metropolis Saturday evening and spent Sunday with his family.

Jep and Jack Valenti were up from the bay city Sunday on a visit with home folk and friends.

P. G. Keil was up from the bay city Sunday visiting with home folk and many acquaintances.

Owen Law returned from St. Helena this morning where he has been at work the past few months.

V. Bulotti has treated his winery to a coat of whitewash which has greatly improved its appearance,

Dr. Finley of the Rose City was in Sonoma this morning trying to sell oil stock for the Santa Rosa company.

Otto Borgund left for Santa Cruz yesterday morning where he goes to take charge of a large winery and vineyard.

Monday Small & Stockwell were engaged in improving the show windows of Geo. Breitenbach's harness shop.

Henry Martens, Mrs. Chas. Poppe and little daughter of Glen Ellen drove through town Tuesday on their way to Napa.

Thos. Monahan was up from the metropolis Sunday looking after his property interests here and greeting his many old-time friends.

A gasoline launch, the property of the Alameda Gun Club, was sunk last Saturday evening by becoming entangled in its moor ings at their grounds near McGill.

The Petaluma Budget has changed its name to the "Petaluma Poultry Journal" and will hereafter be devoted to the poultry industry of this section of the State.

Conductor Crane went to San Francisco Monday where he had a sinder taken from his left eye. Notwithstanding the pain of such an operation he took charge of his train that evening.

Rev. Harry Buckner of Portland, Oregon is here on a visit to his father Dr. N. S. Buckner and family. After a short visit the young man will return to his home in Oregon where he will attend conference.

The shipment of sugar beets from Reclamation is now in progress. Over 300 acres were planted to beets last spring but owing to the shortage of rain in May the crop will be less than half what was expected. At present a large number of men, women and children are engaged in preparing the beets for shipment to Crockett. The Reclamation company is having several new channels made on their land for draining purposes.

A MOTHER'S LOVE.

Mrs. Chelini Seeing a Child in Danger Goes to the Rescue and is Killed

Mrs. Chelini living with her family on the old Ewell place was killed by a runaway team at her home Wednesday afternoon about one o'clock.

Mr. Chelini had his team hitched to a wagon at the barn while he was engaged in loading the wagon with bailed hay which he intended taking to Glen Ellen. When he returned to the loft to get the last bail his team ranaway toward the house and it is supposed Mrs. Chelini seeing her little three-year-old boy in danger of being run over by the team went to his rescue. She was found by her husband lying on the bridge between the house and barn. The body was apparently lifeless when found. The little one whom it is supposed she tried to save was standing about five feet from where the mother lay.

Mr. Chelini summoned Vincent Dellabadia who assisted him in carrying her into the house Dr. Davis was summoned but found the unfortunate woman had passed beyond all medical aid.

On examination it was found that her neck had been dislocated, her right breast crushed, apparently by a horse stepping on it. From the bruise on the back it is quite probable that the wagon passed over her body. Either of the two former wounds were sufficient to have caused instant death as the mark on the breast was just over the heart.

It is thought death was instantaneous as no signs of life were manifest after she was discovered by her husband.

The unfortunate lady was unusually bright and highly esteemed by all who knew her. She spoke fluently three different languages and transacted nearly all the business of the ranch.

Deceased was a native of Switzerland aged thirty two years. Besides a husband she leaves a family of three small children to mourn her untimely death.

Coroner Pryce was notified of the accident and came down yesterday morning and held the in quest. After hearing the evidence the Jury, which was composed of the following named gentlemen, Geo. O. Campbell, H. E. Boyes, H. R. Flower, H. H. Granice, E. A. Slattery, Chas. Ryan, W. R. Stammers, returned a verdict of "accidental death by being knocked down and run over by a team and heavy loaded wagon with bailed hay."

The funeral services will be held at the Catholic church Sunday at 12 o'clock.

The Farmers' Institute

The Friday afternoon session of the Farmers' Institute was an interesting one. Profs. Fowler and Bioletti addressed the meeting on subjects of much interest to the farmer and vineyardist. W. E. Landgrebe gave a short and very instructive talk on poultry. It is evident by Mr. Landgrebe's remarks that he has given the subject of poultry a very careful study. He has also been very successful in this line. The meeting was not largely attended owing to the heat and business of the season.

The evening session was largely attended by an appreciative and enthusiastic audience. This session was addressed by Prof. Fowler, Prof. Benj. Weed and the Rev. C. D. Milliken. Prof. Fowler gave his views on young men in agriculture. He urges them to go into it upon a large and well ordered scale. Prof. Weed read a carefully prepared paper on the farmer and civilization. Mr. Milliken showed his deep wit in an entertaining paper on passing subjects of note. After this the Hon. Robt. Howe made a few fitting remarks in conclusion, after which the hall was cleared of chairs and a social dance was enjoyed by those who belong to the court of Terpsichore.

The musical program rendered at the various sessions is worthy of special mention. It is hoped that Sonoma will have another Institute next season.

Miss Lola Haraszthy will give a social hop to her dancing class at Union hall Saturday evening Sept. 1st. The public are all invited. Admission 25c.

MRS. ADLER DEAD.

The Poineer Lady Passes Away After a Lingering Illnesss of Several Weeks

As we are about to go to press we learn that Mrs. Martha Adler an old and well known resident of this valley has passed away. She had been failing in health for some time and has been confined to her bed for about two months.

Deceased was about sixty years of age and leaves a son Adam and a sister Miss Winkle to mourn her departure who have the sincere sympathy of the entire community.

At this time the funeral services have not been arranged and consequently we are unable to say when the services will be held.

The Democratic Primaries

The Democratic primaries held in this township last Saturday passed off very quietly. Agua Caliente precinct was the only one in the township which had more than one ticket. R. J. Dowdall; Chas. Wilson and J. M. Shannon were all candidates for delegate to the county convention. The latter named was elected. The delegates elected from Sonoma are A. A. Enke, Jas. Glynn and Joe Ryan. At San Luis precinct Ed. Johannsen and Fred Helberg were elected delegates. At Glen Ellen N. R. Hansen, Joe. Cowan and V. L. Pieratt were elected as delegates to the county convention.

R. J. Dowdall and J. W. Gibson were elected as delegates to the State and Congressional convention.

Lairamore vs. Axford

Jas. W. Lairamore vs. Wm. Axford was the title of an action brought in the Justice Court here Tuesday and where the plantiff sought to recover $275 as damages. The trouble arose over a breach of contract. It appears that Mr. Lairamore had secured a contract to cut a number of cords of wood for the defendent and when the contract was partly fulfilled defendent withdrew it to re-let it to other parties with whom he could make better terms.

After hearing the evidence Judge Cheney took the matter under advisment till Wednesday afternoon. The court rendered a decision in favor of plantiff for $75 and costs.

The Republican Club

At the meeting of the Sonoma Valley McKinley and Roosevelt Club held Monday night eighteen new names were added to the Club's roll. Officers for Glen Ellen precinct were named as follows: J. M. Zane and A. M. Hardmen, vice-presidents; Chas. J. Poppe and A. E. Gaige, registering committee; Harry Weise, finance committee. By resolution the Club endorsed O. P. Paulstein as candidate for the nomination of assemblyman.

A large number was in attendance at the meeting and from the interest already taken we feel justified in predicting that the party will be well supported in this valley at the election in November.

The Coming Fair

Plans for the district fair, which will be held in Santa Rosa beginning October 8th, are being made by the board of directors as fast as development require them The board held a meeting in that city last Saturday with a good attendance.

The fair will begin on the above date as first announced. It appears there were obstacles which could not be overcome to allow the change as proposed. It is expected the premium lists will be ready for distribution by the first of next week.

V. Bulotti Secures the Contract

At the special meeting of the High school board held last Friday the matter of letting the contract for painting the building was all the business transacted at that meeting.

V. Bulotti was the successful bidder for the contract of painting the High school building. His bid was for $350. Three other bids were presented as follows: W. F. Wilson $375; F. Bailey $365; Mr. Larsen of El Verano $360.

CASTORIA

The Kind You Have Always Bought, and which has been in use for over 30 years, has borne the signatnre of *Chas. H. Fletcher.* **and has been made under his personal supervision since its infancy. Allow no one to deceive you in this. All Counterfeits, Imitations and "Just-as-good" are but Experiments that trifle with and endanger the health of Infants and Children—Experience against Experiment.**

What is CASTORIA

Castoria is a harmless substitute for Castor Oil, Paregoric, Drops and Soothing Syrups. It is Pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. It destroys Worms and allays Feverishness. It cures Diarrhœa and Wind Colic. It relieves Teething Troubles, cures Constipation and Flatulency. It assimilates the Food, regulates the Stomach and Bowels, giving healthy and natural sleep. The Children's Panacea—The Mother's Friend.

GENUINE CASTORIA ALWAYS
Bears the Signature of
Chas. H. Fletcher.

The Kind You Have Always Bought

In Use For Over 30 Years.

THE CENTAUR COMPANY, 77 MURRAY STREET, NEW YORK CITY.

Vineburg Post Office not Closed

Somebody has circulated a rumor that the Vineburg post office is to be abolished. This is untrue and without reason. Mr. Sondag the new postmaster only received his commission last week and now has his office in the new building erected for that purpose. He knows nothing of any such order being given. If it were true he certainly would be notified of the change. On the contrary he received a letter from the department at San Francisco asking if he wished to take two mails a day from the Southern Pacific trains.

A Great Accommodation

A splendid opportunity is offered for all to attend the grand celebration in San Francisco. The California Northwestern railway company have made liberal reductions for round trips from all points on their road. Not only have they made these reductions but have added special trains to make it more convenient for those not wishing to stay over night in the city.

That Throbbing Headache

Would quickly leave you, if you used Dr. King's New Life Pills. Thousands of sufferers have proved their matchless merit for sick and nervous headaches. They make pure blood and build up your health. Only 25 cents. Money back if not cured. Sold by Ed. Wegner Druggist.

City Shoeing Shop

FRED C. POLSON, Prop.
ALL HORSESHOEING GUARANTEED
Lameness Interfering and Forging Prevented.
SHOP NEAR POST OFFICE.

Coming Our Way!

The Shoe Trade

This shoe section of ours is busy and as a result we have on hand a number of broken sizes in

Ladies Shoes and Ties

Eighty Pairs Style Going Out

Prices Butchered

BARGAINS! True bargains, is what you will say when you see these shoes TO FIT YOUR FEET selling at prices that mean your gain, our loss. Some price hints for your guidance. Prices tumble like this:

$3.00 shoes at	$2.00
2.50 " "	1.50
1.75 " "	1.00
1.75 ties at	1.25
1.50 " "	1.00
1.25 " "	.75
1.00 " "	.50

Surely a great economical occasion.

G H HOTZ

Home From the North

Percy Wilson, brother of painter "Doc" Wilson, has returned from a trip to Cape Nome where he went in the early part of last spring. Mr. Wilson was working at his trade as painter while in the North and informs us that he is well satisfied with his trip. He advises his friends to stay away from Nome on account of the overcrowded condition of the population and the lawless state of affairs which exist there. He says that there is gold on the beach but that the creeks leading back into the mountains will offer much better opportunities to the miner as soon as a wet season comes to supply them with water. There was little snow and rain in the Nome country last season.

Prevented a Tragedy

Timely information given Mrs. George Long, of New Straitsville, Ohio, saved two lives. A frightful cough had long kept her awake every night. She had tried many remidees and doctors but grew worse until urged to try Dr. King's New Discovery. One bottle wholly cured her; and she writes, this marvelous medicine also cured Mr. Long of a severe attack of Pneumonia. Such cures are positive proof of its power to cure all throat, chest and lung troubles. Only 50c and $1.00. Guaranteed. Trial bottles free at Wegner's drug store.

THE BON TON

SHAVING PARLORS
W. E. LANDGREBE, Prop.
All Work in First Class Shape.
Ladies' and Children's hair cutting a specialty.
Next door to Union Hotel.
SONOMA, - - - - - - CAL.

Now Boring!

Bay City Oil Company

INCORPORATED OCT. 28, 1899.
Capital Stock $500,000. 100,000 Shares
Par Value $5. per Share.

CHAS. F. BURKS, Manager.
E. N. SEWELL, Secretary.

This company ownes 1920 acres of land in Kern county right in the oil belt where they have commenced actual opperations.

At present the stock of the company is being sold at $1.50 per share. This stock is a good investment at the present price and can be bought through our local representative, W. R Stammers, for cash or on the installment plan in five payments. For further particulars apply to local agent or at our office: Room 321 Safe Deposit building, San Francisco.

The Old Reliable Drug Store
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Their Entire Stock of
Drugs, Medicines, AND
General Merchandise.

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Blacksmith and Woodworker
PLOW SHEAR GRINDING
AND HORSESHOEING A SPECIALTY.
Agent for Peerless Plows.

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Livery and Feed Stable

GRANVILLE HARRIS, Proprietor.
We can Give you as fine turnouts as any in the Valley
And at Very Reasonable Rates.
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A well selected stock of up-to-date Jewelery on hand which we are offering very low.

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Because I sell better clothing for
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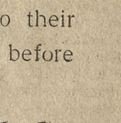
Than any other Clothing or Hat house in Sonoma county.
Call look through my stock and convince yourself.

H. L. TRIPP,
One Price Clother and Hatter
509 Fourth Street, Santa Rosa.

WEYL BROS.



Sonoma Meat Market

Buy only the best
And Supply Their Customers at Reasonable Prices.
Fresh fish Every Thursday, and the Best of Dairy Butter Always on Hand.
VALLEJO STREET, - - - - - - - SONOMA

1900. Established 1864.

MRS. J. A. POPPE

DEALER IN
GENERAL MERCHANDISE

Hardware,
Dry Goods,
Boots and Shoes.

Highest Prices Paid FOR FARM PRODUCE.

EAST SIDE OF PLAZA, - - - - - SONOMA, CAL.

A STUDY IN TYPE.

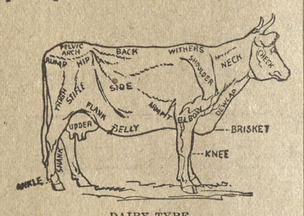
SOME ANATOMICAL AND PHYSIOLOGICAL FEATURES OF THE DAIRY COW.

Intelligent and progressive farmers and dairymen are becoming more familiar with the fact that milk and butter producing qualities of cows are accompanied by a general vigor, conformation, temperament, fineness, bearing and other features that are quite characteristic, says a bulletin of the Storrs experiment station. The accompanying figure shows the outline and general features of a profitable cow of the dairy type.

The general constitutional vigor of the cow is of primary importance, and of nearly as great importance are efficient digestive organs, large and well formed milk organs, strong heart and good blood circulation, large, strong lungs and a highly developed nerve system. For convenience in the present discussion these are called the essential organs and are considered here with some remarks concerning their uses or functions.

Milk is a manufactured article produced by the cow from the food which she consumes. The capacity of a cow for producing milk depends largely upon her capacity for digesting food and assimilating it into her tissues. For the accommodation of a large and efficient digestive apparatus a good dairy cow should have a long, deep and wide barrel, with well sprung ribs. This form of middle piece gives ample room for the storage of food and for an apparatus capable of disposing of large quantities of the coarse, bulky fodder which the cow consumes.

The milk organs are quite intimately concerned in the productive capacity of the cow, as it is in these that the milk and butter fat are finally elaborated from the food. It is not altogether clearly understood how the milk is made in the gland, but it seems quite probable that it is produced by the epithelial cells within the udder. So far as is known, the quantity of milk that can be produced depends in a large part upon the number and activity of



DAIRY TYPE.

these cells. The number of such cells is limited by the size of the udder and the amount of fatty tissue it contains. The dairy cow should therefore have a large udder capacity—the larger the better—but the size of the udder should not be due to any large amount of fat or flesh. There should be an elasticity of the tissue, with a shrinkage of the udder when empty. The udder should have considerable surface, extending far forward and well up behind. It should be well balanced and symmetrical in shape, indicating good development in all quarters, for the more perfectly developed the organ is the larger the amount of milk it will be likely to yield. It should be spread considerably from side to side also, while the teats should be even and squarely placed. To make room for such a capacious, well developed udder the hind legs of the cow should be wide apart, the thighs should be thin and the flanks high arched.

The digestive tract prepares the food for assimilation into the tissues, the udder elaborates the milk, the heart forces the blood with its load of food and oxygen through the body, the lungs supply oxygen to the blood and remove from it the products of the oxidation which takes place in the body, but the brain and nerve system are concerned in all these operations. Through the influence of this system the activities of all the organs are aroused, guided, controlled and harmonized.

In the cow the heart and lungs are ever active. The digestion, absorption and assimilation of food, and perhaps the mysterious elaboration of milk, are constantly going on. Collier estimates that a cow giving an average quantity of milk produces, on an average, 138,210,000 fat globules per second during each 24 hours. This and the secretion of the other constituents of the milk illustrate the amount of activity in the milk organs alone and suggest the need of a highly developed nerve system. The more pronounced of the outward signs that indicate this nerve development are a bright, lively and prominent eye, this prominence causing a dished face; a wide forehead; a wide junction of the skull and spinal column, indicating a large brain; a large, prominent backbone, giving room for a well developed spinal cord; a long, slim tail, and considerable energy and vigor and style of action.

Process Butter.

Here is a description of process butter: "This butter is made from old, rancid and useless dairy butter purchased from country store keepers in the states farther west and shipped in old barrels, tobacco pails, shoe boxes, etc., which appetizing mess is put through a process of boiling and renovating to remove the nauseating odors and through other treatments which have brought it under the ban of the pure food laws of several states, after which it is worked over in sweet buttermilk, which gives it temporarily a fairly clean flavor." See that this stuff is not worked off on you by your grocer. The "green" woods are full of it. —New York Press.

COWS AND CALVES.

They Must Be Separated Early If Milk Is Wanted.

A Missouri correspondent asks if it will injure the milking qualities of cows to let their calves run with them until weaning time, says The Breeder's Gazette. No more certain means could be adopted to lessen the persistency of flow in a cow. The milk flow is nature's provision for the sustenance of the young. When the necessity no longer exists in nature for the exercise of that function, it ceases its activity—that is to say, as the calf approaches the age when it becomes fitted to live on other foods nature governs herself accordingly and gradually reduces the milk secretion and finally abandons it altogether. By the artificial stimulation of regular, constant hand milking we induce a prolongation of the secretion until finally cows are "educated" to milk right through the piece from one calf to another, although most dairymen prefer to give their cows from four to six weeks' respite from milking before parturition. Nature's method is to supply milk enough merely to grow the calf until it is able to live on other foods. Taking advantage of this lactation, man has stimulated it into a persistent rather than a limited function. But on the slightest relaxation of man's effort to induce a persistent flow of milk there is a tendency to relapse to the natural condition of a comparatively short flow. The supply at first is usually too abundant for the calf, and nature at once sets to work to remedy it. The surplus amount of milk left in the udder is notification to the mammary glands that they are overexerting themselves, and they at once, imperceptibly perhaps, but none the less surely, begin to diminish their secretory activity. It is here that the art of man triumphs over nature. By the removal by hand of the last drop of milk in the udder the glands are stimulated to perform their function and "fill up the jug." Moreover, manipulation of the udder in the act of milking induces a greater flow of blood to the glands and thus increases the milk supply.

The proper treatment of cows designed for the dairy involves a removal of the newborn calf within a period of three days at the outside. Practice on this point varies somewhat with dairymen. The calf is occasionally removed before it sucks, sometimes after one, two or three days and sometimes—when it is desired to start the calf particularly well—the new arrival is allowed to help himself for a couple of weeks or more. In the latter case trouble, or, at least, annoyance, from the cow may be expected, as her maternal instinct becomes fully aroused and established, and she bawls and frets for her offspring. On the other hand, this desire to "do" the youngster well sometimes overreaches the mark, as a couple of weeks' tugging at the maternal founts makes it difficult to teach him to drink, and he does not thrive so well as if hand fed from the start.

Water For Cows.

The cow needs water to digest her food, to keep the body in running order, to wash out the products of digestion and for the milk supply, and if all these are to be kept in their normal condition water must be supplied or the milk flow suffers, says Hoard's Dairyman.

It takes four pounds of water for every pound of dry matter in the food, or, if the cow is on dry food, it will require nearly 100 pounds of water to enable the cow to work up her daily ration.

For every pound of milk given the cow requires 4 3-5 pounds of water, or 115 pounds of water for 25 pounds of milk. What between the food and the milk supply a cow needs an abundant supply of good, clean water, and if that cannot be obtained she will endeavor to make up the deficiency at the nearest mudhole, a place that is neither good for the health of the animal, her udder nor the cleanliness of the milk.

Mudholes for watering cows have been responsible for much ropy milk, gassy curd and poor flavored butter, to say nothing of the liability of disease bacteria invading the udder. Whether in summer or winter, water for the cows, clean and in the proper quantities and at the proper time, should be supplied. The want of it may cause a loss to the dairyman even if the animal is supplied with an abundance of proper food.

Butter Prospects.

Butter makers have a fair prospect, says The Breeder's Gazette. Stocks are going into cold storage earlier than usual and in greater quantities, as a number of operators are persuaded that a lower range of values will not be reached later in the season, as is generally the case. While eastern markets are somewhat conservative there is a strong speculative movement in the west and much butter is going to store at 19½ to 20 cents. As usual the conservatives are arguing against such prices, claiming to see nothing in prospective conditions that will let operators out who buy at those values, but not a few men have staked their judgment and money on the outcome of the venture. If the present movement continues, it means that the summer make will not have to meet the competition of the fresh grass butter and will likely find a satisfactory market on which to unload. There is now no special reason for the man who makes milk to envy the lot of his neighbor who makes meat.

Bacteria and Temperature.

The Illinois experiment station finds that the number of bacteria which fall into the milk from an apparently clean but unwashed udder is 2,020 as compared with 90 when the udder has been washed just before milking. It is necessary to cool the milk as quickly as possible.

JOB PRINTING

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Neatly and Promptly Executed

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EXPOSITOR OFFICE.

THE SONOMA VALLEY OFFERS RARE INDUCEMENTS

TO ALL HOME-SEEKERS

Geographical and Geological

Sonoma Valley extends from within a few miles of Santa Rosa on the north to San Pablo Bay on the south, a distance of thirty miles. It is nowhere more than eight miles wide, the average width being five miles. It embraces portions of Petaluma and Huichica Ranchos, and the Agua Caliente and the Los Guilicos Ranchos, the Pueblo, Sonoma. The valley is separated from Petaluma valley on the west and Napa valley on the east by low ranges of volcanic mountains.

Industries.

The principal industries of the valley are fruit growing, wine making and dairy farming. Here also may be found the most extensive basalt quarries on the Pacific Coast. The wine of Sonoma is famous all over the United States. It commands the highest price, and is more eagerly sought than any other wine produced in California. All Fruits and Grapes are grown

Entirely Without Irrigation.

As a consequence, the Wines and Fruits of Sonoma excel all others for flavor color and bouquet.

Climate and Scenery

The climate of Sonoma valley is unsurpassed. The fogs which prevail in other portions of the State are here conspicuous for their absence, being shut out by the range of mountains on the west. The intense heat of Summer prevailing on the great plains of Caliiornia, is here tempered by the gentle breezes from the Pacific. The proximity of the ocean also tends to equalize the temperature in Winter, rendering the climate of Sonoma Valleymild, gentle and agreeable. Along the banks of Sonoma Creek may be found some of the prettiest scenery in the state of California. Extensive picnic grounds may be laid out in numberless places along this stream. Sonoma mountain and Bennett peak on the west side of the valley are conspicuous objects to the traveler. Good roads radiating from Sonoma and Glen Ellen to all points of the compass, afford excellent drives and promenades.

Good schools under the management of able and experienced teachers are to be found in Sonoma Valley, affording the best of instruction to the youth of the country.

Historical.

SONOMA is an Indian word and means "Valley of the Moon," and was the name originally given to the beautiful valley from which the County was afterwards namede The tribe of Indians inhabiting the valley were called Cochuyens. On the arrival of the first expedition to establish a mission, the name Sonoma was given to the Chief by Jose Altimira, the priest in charge, and after the Chief, the tribe and the valley they inhabited took the name Sonoma.

To those wishing further information concerning our Town, Valley or Industries may have the same by addressing the SONOMA VALLEY EXPOSITOR.

The only Sewing Machine that does not fail in any point.
ROTARY MOTION and BALL BEARINGS, the lightest running machine in the world.
RAPID. Saves about one day in three, sewing that much faster than any vibrating shuttle sewing machine. More time is saved, more money earned.
Quiet and Durable. The rotary motion does away with noise and wear caused by the forward and backward movement of the shuttle.

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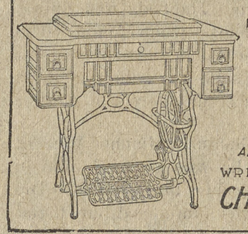
933 Market St. San Francisco.
For Sale By **F. T. Duhring.**

FIRE INSURANCE

WRITTEN AT THIS OFFICE.

BUY DIRECT FROM THE FACTORY



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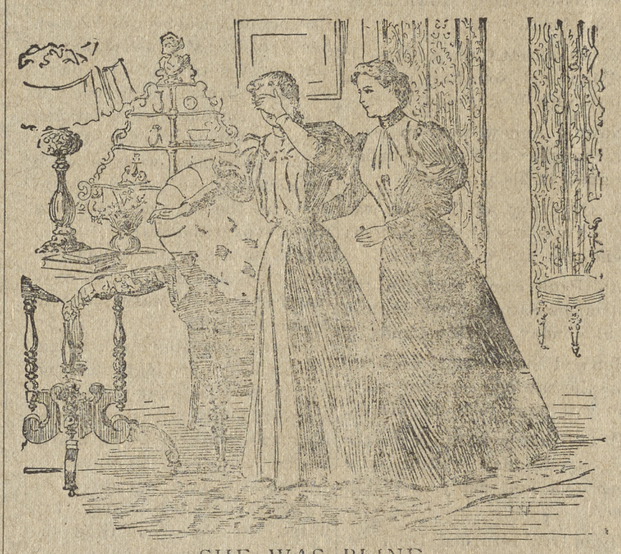


SHE WAS BLIND.

A blindness comes to me now and then. I have it now. It is queer—I can see your eyes but not your nose. I can't read because some of the letters are blurred; dark spots cover them; it is very uncomfortable.

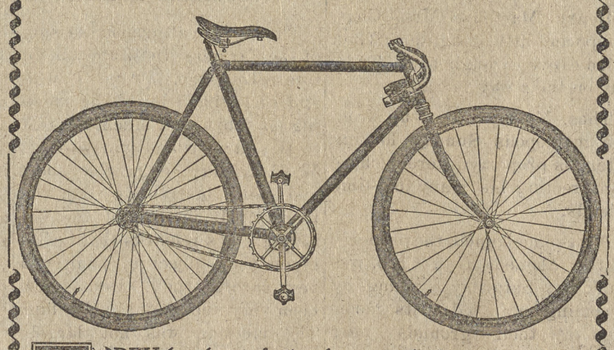
I know all about it; it's DYSPEPSIA. Take one of these; it will cure you in ten minutes.

What is it?

A Ripans Tabule.

WANTED.—A case of bad health that R·I·P·A·N·S will not benefit. They banish pain and prolong life. One gives relief. Note the word R·I·P·A·N·S on the package and accept no substitute. R·I·P·A·N·S, 10 for 5 cents or twelve packets for 48 cents, may be had at any drug store. Ten samples and one thousand testimonials will be mailed to any address for 5 cents, forwarded to the Ripans Chemical Co., No. 10 Spruce St., New York.

The "White"



RIDDEN by the professional racer, it has proven a winner oftener than any in competition. Ridden by the non-professional, by the "scorcher," for business or pleasure, it has a record second to none. Material used in its construction, pains-taking care in manufacturing details, ease in running, and handsome, symmetrical design are a few of its claims for superiority. Reasonable prices, coupled with high values, are characteristics of the "WHITE." Our long established reputation guarantees the excellence of our product.

Models A and B	$50.00
Model G (30-in. wheel)	60.00
"Special Racer"	65.00
Models E and F (chainless)	75.00

White Sewing Machine Company,
CLEVELAND, OHIO.

Iroquois Bicycles $16.75

400 of the famous Iroquois Model 3 Bicycles will be sold at $16.75 each, just one-third their regular value.

IROQUOIS CYCLE WORKS FAILED because their wheels were too expensively built, and we have bought the entire plant at a forced sale at 20 cents on the dollar. With it we got 400 Model 3 Iroquois Bicycles, finished and complete, **Made to sell at $60.** To advertise our business we have concluded to sell these 400 at just what they stand us, and make the marvelous offer of a Model 3 IROQUOIS BICYCLE at $16.75 while they last. The wheels are strictly up-to-date, famous everywhere for beauty and good quality.

DESCRIPTON The Iroquois Model 3 is too well known to need a detailed description. Shelby 1¼ in. seamless tubing, improved two-piece crank, detachable sprockets, arch crown, barrel hubs and hanger, 2¼ in. drop, finest nickel and enamel; colors, black, maroon and coach green; Gents' frames, 22, 24 and 26 in. Ladies' 22 in.; best "Record," guaranteed tires and high-grade equipment throughout. **Our Written Guarantee** with every bicycle.

SEND ONE DOLLAR for your express agent's guarantee for charges one way; state whether ladies' or gents', color and height of frame wanted, and we will ship C. O. D. for the balance ($15.75 and express charges, subject to examination and approval. If you don't find it the most wonderful Bicycle Offer ever made, send it back at our expense. ORDER TO-DAY if you don't want to be disappointed. 50 cents discount for cash in full with order.

WE HAVE BICYCLES A complete line of '99 Models at $11.50 and up. Second-hand Wheels $3 to $10. We want RIDER AGENTS in every town to represent us. Hundreds earned their bicycle last year. This year we offer wheels and cash for work done for us; also Three Cases of sample wheels to agents. Write for our liberal proposition. We are known everywhere as the greatest Exclusive Bicycle House in the world and are perfectly reliable; we refer to any bank or business house in Chicago, to any express company and to our customers everywhere.

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The Mead Cycle Co. are absolutely reliable and Iroquois Bicycles at $16.75 are wonderful bargains.—Editor.